

CLAIMS

1. An emergency shower system operable with a fluid, a fluid delivery apparatus, a dispensing shower head and a valve for controlling the flow of fluid, the system comprising:

a frame having an opening to provide access to the valve;

a panel mounted over said frame opening and having a panel opening;

a plate movable adjacent said panel to close said panel opening, said plate being movable relative to said panel between two positions;

a handle connected to said plate for moving said plate;

a linkage connecting said plate to said valve whereby movement of said plate between said two positions causes operation of said valve; and

said plate and said panel being structured and dimensioned to collectively cover said frame opening.

2. The system as claimed in claim 1 wherein:

said frame mounts to a wall having an opening.

3. The system as claimed in claim 1 wherein:

said plate moves vertically between said two positions; and

said linkage translates the vertical movement of said plate to rotational movement at said valve.

4. The system as claimed in claim 3 wherein:

said linkage includes a front link pivotally connected to said plate and a rear link pivotally connected to said front link and to said valve.

5. The system as claimed in claim 4 wherein:

said handle extends away from said plate about one and a half inches.

6. The system as claimed in claim 1 wherein
said handle extends away from said plate about one and a half inches.
7. The system as claimed in claim 1 including:
an eye/face wash station, said station including a rotatable tray, two spray nozzles
mounted to said tray, a second valve connected to said tray, said valve being operated by said
rotatable tray.
8. The system as claimed in claim 5 including:
an eye/face wash station, said station including a rotatable tray, two spray nozzles
mounted to said tray, a second valve connected to said tray, said valve being operated by said
rotatable tray.
9. The system as claimed in claim 1 wherein:
said linkage includes first and second links which are pivotally connected to said
plate, to said valve and to each other.
10. The system as claimed in claim 1 wherein:
said plate is mounted to move vertically.
11. The system as claimed in claim 1 wherein:
said handle moves parallel to said panel during movement of said plate.
12. The system as claimed in claim 1 including:
an eye/face wash station having a rotatable tray, a pair of fluid dispensers and a
valve, said tray being movable from a closed generally vertical position to an open generally
horizontal position.

13. The system as claimed in claim 1 wherein:
said plate is mounted to move vertically; and
said handle moves parallel to said panel during movement of said plate.
14. The system as claimed in claim 13 wherein:
said linkage includes first and second links which are pivotally connected to said plate, to said valve and to each other.
15. The system as claimed in claim 14 including:
an eye/face wash station having a rotatable tray, a pair of fluid dispensers, a valve, and a delivery apparatus connected to said valve and to said pair of dispensers, said tray moving from a closed generally vertical position to an open generally horizontal position.
16. An emergency shower system comprising:
a pipe adapted to be connected to a fluid source, said pipe being located behind a wall and said wall having an opening;
a valve connected to said pipe;
a showerhead connected to said pipe;
a frame connected to said wall in said opening, said frame having an opening;
a panel mounted over said frame opening, said panel having an opening;
a movable plate mounted to said panel for closing said panel opening;
a handle mounted to said plate for moving said plate in a vertical direction; and
a linkage pivotally connected to said plate and to said valve for translating vertical motion of said plate to rotational motion at said valve.

17. The system as claimed in claim 14 including:
an eye/face wash station having a pull down tray and a spray nozzle.
18. An emergency shower system to be connected to a fluid source, the flow of fluid being controlled by a valve, said system comprising:
a linkage connected to said valve for operating said valve; and
a plate having an inner surface and an outer surface connected to said linkage for moving said linkage and for completely covering said linkage to prevent liquid and debris beyond said outer surface from contacting said linkage.
19. The system as claimed in claim 18 including:
a handle connected to said plate for moving said plate in a vertical direction; and
wherein
said handle extends away from said plate a distance of about one and a half inches.
20. The system as claimed in claim 19 including:
an eye/face wash station including a rotatable tray, a spray nozzle mounted to said tray and a second valve operable by rotation of said tray.